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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/006,630

DATE: 12/17/2001

TIME: 11:32:51

Input Set : A:\SYP101DV.APP.txt

Output Set : N:\CRF3\12172001\J006630.raw

3 <110> APPLICANT: Jindal, Satish
4 Regnier, Fred
5 Evans, David
6 Williams, Kevin
7 Afeyan, Noubar
8 Paliwal, Sandeep
9 Pingali, Aruna
11 <120> TITLE OF INVENTION: High Speed, automated, continuous flow,
12 multi-dimensional molecular selection and analysis
14 <130> FILE REFERENCE: SYP-101DV
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/006,630
C--> 16 <141> CURRENT FILING DATE: 2001-12-05
16 <150> PRIOR APPLICATION NUMBER: 09/267,993
17 <151> PRIOR FILING DATE: 1999-03-12
19 <150> PRIOR APPLICATION NUMBER: 60/000,518
20 <151> PRIOR FILING DATE: 1995-06-26
22 <150> PRIOR APPLICATION NUMBER: 08/670,670
23 <151> PRIOR FILING DATE: 1996-06-26
25 <160> NUMBER OF SEQ ID NOS: 17
27 <170> SOFTWARE: PatentIn Ver. 2.0
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 5
31 <212> TYPE: PRT
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
36 peptide corresponding to the amino terminus of
37 Beta-endorphin
39 <400> SEQUENCE: 1
40 Tyr Gly Gly Phe Leu
41 1 5
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 5
46 <212> TYPE: PRT
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
51 peptide
53 <400> SEQUENCE: 2
54 Tyr Glu Tyr Phe Leu
55 1 5
58 <210> SEQ ID NO: 3
59 <211> LENGTH: 5
60 <212> TYPE: PRT
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic

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65      peptide
67 <400> SEQUENCE: 3
68 Arg Arg Arg Phe Leu
69      1          5
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73 <211> LENGTH: 5
74 <212> TYPE: PRT
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
79      peptide
81 <400> SEQUENCE: 4
82 Arg Arg Lys Phe Leu
83      1          5
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 5
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
93      peptide
95 <400> SEQUENCE: 5
96 Lys Lys Arg Phe Leu
97      1          5
100 <210> SEQ ID NO: 6
101 <211> LENGTH: 5
102 <212> TYPE: PRT
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
107      peptide
109 <400> SEQUENCE: 6
110 His His Arg Ser Tyr
111      1          5
114 <210> SEQ ID NO: 7
115 <211> LENGTH: 19
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence:Protein
121      fragment derived from a tryptic digest of protein
122      A and G
124 <400> SEQUENCE: 7
125 Thr Val Thr Glu Lys Pro Glu Val Ile Asp Ala Ser Glu Leu Thr Pro
126      1          5          10          15
128 Ala Val Thr
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 9
134 <212> TYPE: PRT

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135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein
139 fragment derived from a tryptic digest of
140 cytochrome c.
142 <400> SEQUENCE: 8
143 Cys Ala Gln Cys His Thr Val Glu Lys
144 1 5
147 <210> SEQ ID NO: 9
148 <211> LENGTH: 9
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
154 peptide
156 <400> SEQUENCE: 9
157 Gly Ala Gln Gly His Thr Val Glu Lys
158 1 5
161 <210> SEQ ID NO: 10
162 <211> LENGTH: 7
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein
168 fragment derived from the tryptic digest of
169 protein A and G
171 <400> SEQUENCE: 10
172 Thr Val Thr Glu Lys Pro Glu
173 1 5
176 <210> SEQ ID NO: 11
177 <211> LENGTH: 8
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein
183 fragment derived from the tryptic digest of
184 protein A and G
186 <400> SEQUENCE: 11
187 Glu Lys Glu Pro Glu Val Ile Asp
188 1 5
191 <210> SEQ ID NO: 12
192 <211> LENGTH: 14
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein
198 fragment derived from the tryptic digest of
199 protein A and G
201 <400> SEQUENCE: 12

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/006,630

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Input Set : A:\SYP101DV.APP.txt

Output Set: N:\CRF3\12172001\J006630.raw

202 Gly Asp Ala Pro Thr Pro Glu Lys Glu Pro Glu Ala Ser Ile
203 1 5 10
206 <210> SEQ ID NO: 13
207 <211> LENGTH: 4
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence: Part of the Fc
213 binding domain of a recombinant protein G
215 <400> SEQUENCE: 13
216 Thr Val Thr Glu
217 1
220 <210> SEQ ID NO: 14
221 <211> LENGTH: 8
222 <212> TYPE: PRT
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
227 peptide corresponding to a part of the Fc binding
228 domain of recombinant protein G
230 <400> SEQUENCE: 14
231 Thr Val Thr Glu Lys Pro Glu Val
232 1 5
235 <210> SEQ ID NO: 15
236 <211> LENGTH: 5
237 <212> TYPE: PRT
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein
242 fragment derived from the tryptic digest of
243 protein A and G
245 <400> SEQUENCE: 15
246 Thr Val Thr Glu Lys
247 1 5
250 <210> SEQ ID NO: 16
251 <211> LENGTH: 5
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Motif found in
257 part of the variable region of the light chain of
258 IgG.
260 <400> SEQUENCE: 16
261 His Thr Val Glu Lys
262 1 5
265 <210> SEQ ID NO: 17
266 <211> LENGTH: 4
267 <212> TYPE: PRT
268 <213> ORGANISM: Artificial Sequence

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270 <220> FEATURE:

271 <223> OTHER INFORMATION: Description of Artificial Sequence: Motif with

272 similarity to TVTEK

274 <400> SEQUENCE: 17

275 Thr Val Glu Lys

276 1

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/006,630

DATE: 12/17/2001

TIME: 11:32:52

Input Set : A:\SYP101DV.APP.txt

Output Set: N:\CRF3\12172001\J006630.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date